



Document	Safety Data Sheet (SDS/MSDS)	Document Code	UEC-SDS-CMO-2026-01
Manufacturer	UE Chemicals, Bangkok 10110, Thailand	Revision	Rev. 1.0
Contact	info@useful-chemicals.com +66 951 690 848	Effective Date	2026-03-10

This document replaces the prior third-party-branded file with a UE Chemicals-issued safety summary. It follows the standard 16-section SDS structure, but any transport or classification field that requires a current regulatory review is explicitly marked for confirmation from the current batch SDS and route-specific shipment review.

1. Identification

Product Identifier	Caluanie Muelear Oxidize
Recommended Use	Metalworking, refining, industrial processing, mineral treatment
Supplier	UE Chemicals, Bangkok 10110, Thailand
Contact Details	Email: info@useful-chemicals.com WhatsApp / Tel: +66 951 690 848
Website	useful-chemicals.com

2. Hazards Identification

GHS Classification	To be confirmed from the current approved Safety Data Sheet and jurisdiction-specific classification review before issue to customers.
Signal Word	To be confirmed.
Hazard Statement Summary	Handle as an industrial chemical. Avoid ingestion, inhalation of mist or vapors, eye contact, and prolonged skin contact. Use only with suitable ventilation and protective equipment.
Precautionary Summary	Wear eye protection, chemical-resistant gloves, and protective clothing. Keep container tightly closed. Store away from incompatible materials and uncontrolled heat sources.

3. Composition / Information on Ingredients

Product Type	Commercial proprietary mixture / liquid oxidizer
CAS Number	No single definitive CAS number was verifiable from the provided source files. Confirm the current constituent listing and CAS identifiers from the controlled formulation and approved SDS.

Composition Note	Legacy source material contained inconsistent component naming and non-standard chemistry notation; those entries were not adopted as verified composition statements in this reissued document.
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4. First Aid Measures

Inhalation	Move exposed person to fresh air. Seek medical attention if symptoms persist.
Skin Contact	Remove contaminated clothing and wash affected skin thoroughly with soap and water.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Obtain medical advice if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel. Obtain immediate medical advice.

5. Firefighting Measures

Suitable Media	Use extinguishing media appropriate to the surrounding fire and packaging materials.
Specific Hazards	Thermal decomposition products and reaction hazards must be confirmed from the approved SDS for the current formulation.
Protective Equipment	Firefighters should wear full protective equipment and self-contained breathing apparatus where required.

6. Accidental Release Measures

Personal Precautions	Evacuate non-essential personnel. Use suitable PPE and avoid direct contact.
Containment	Contain spill with inert absorbent material and place in suitable labeled containers.
Environmental Precautions	Prevent entry into drains, soil, and waterways. Report releases according to applicable local regulations.

7. Handling and Storage

Handling	Use in well-ventilated areas. Avoid aerosol generation, direct contact, and contamination of other chemicals.
Storage	Store in a cool, dry, well-ventilated area in tightly sealed original containers.
Temperature Guidance	Maintain controlled storage away from direct sunlight and incompatible materials.
Shelf Life	24 months from manufacture when stored under recommended conditions.

8. Exposure Controls / Personal Protection

Engineering Controls	Use local exhaust or general ventilation appropriate to the process.
Eye Protection	Chemical splash goggles or equivalent.
Hand Protection	Chemical-resistant gloves selected for the exposure profile.
Body Protection	Protective clothing suitable for industrial chemical handling.
Respiratory Protection	Use appropriate respiratory protection where ventilation is insufficient or aerosols may form.

9. Physical and Chemical Properties

Appearance	Clear to slightly amber liquid
Physical State	Liquid
Odor	Not fully characterized in the supplied source documents
Density	Approximately 1.2 g/cm ³
pH	Acidic
Solubility	Miscible with water
Flash Point	Not verified from controlled current data. Do not rely on legacy third-party values.

10. Stability and Reactivity

Stability	Stable under recommended storage conditions.
Conditions to Avoid	Excess heat, contamination, and contact with incompatible materials.
Incompatible Materials	Must be confirmed from the approved SDS for the active formulation.
Hazardous Decomposition	To be confirmed from the approved SDS.

11. Toxicological Information

General Statement	A complete toxicological profile was not verifiable from the provided PDF sources. Use the approved SDS and applicable toxicology review for final customer-facing classification.
Routes of Exposure	Potential routes include eye contact, skin contact, inhalation of mist or vapors, and ingestion.
Symptoms	Irritation or adverse effects depend on exposure conditions and formulation-specific hazards.

12. Ecological Information

Ecotoxicity	Not fully verified from the supplied source material.
Environmental Handling	Avoid uncontrolled release to the environment and follow disposal regulations.

13. Disposal Considerations

Waste Handling	Dispose of product, residues, and contaminated packaging in accordance with applicable local, national, and international regulations.
Note	Final waste coding and disposal route depend on local law and actual composition at time of disposal.

14. Transport Information

UN Number	To be confirmed from the current approved transport classification before shipment.
Transport Class	To be confirmed.
Packing Group	To be confirmed.

Transport Note	Ship only with the current SDS and route-specific transport documentation.
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15. Regulatory Information

Regulatory Status	Customer and distributor must confirm all jurisdiction-specific requirements, import controls, labeling, and transport obligations prior to supply.
Document Control	This issue is a professionally formatted safety summary and does not replace a legally reviewed jurisdiction-specific SDS.

16. Other Information

Issue Date	2026-03-10
Prepared By	UE Chemicals
Disclaimer	Information is provided in good faith for industrial reference. Final safety, hazard, transport, and regulatory determinations require the current approved SDS and internal compliance review.